PUBLIC NOTICE

PERMIT APPLICATION: **NRS08.096**

APPLICANT: Billy F. Tucker
1479 Short Creek Road
Linden, Tennessee 37096
931-589-2408

LOCATION: Short Creek 3 kilometers East of Linden in Perry County
N35.613278, W-87.804923

WATERSHED DESCRIPTION: The stream segment ID is TN06040004032_1000 The uses for which Short Creek is classified are as follows: Fish and Aquatic Life (Supporting), Recreation (Not Assessed), Irrigation (Supporting), Livestock Watering and Wildlife (Supporting); Stream assessment data from 2000 TDEC biological survey at mile 0.8 (u/s Highway 412). 10 EPT families, 22 total families. Habitat score = 151.

http://www.state.tn.us/environment/wpc/ppo/arap.

PROJECT DESCRIPTION: The applicant proposes to construct a temporary low-head impoundment structure using materials from downstream sand and gravel bars. The stated purpose of the proposed work is to create a pool for swimming and fishing. The applicant states that the pool is popular with the young people of Perry County and is strictly supervised.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity may result in more than de-minimis degradation to water quality.

PERMIT COORDINATOR: Robert Baker

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **twenty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

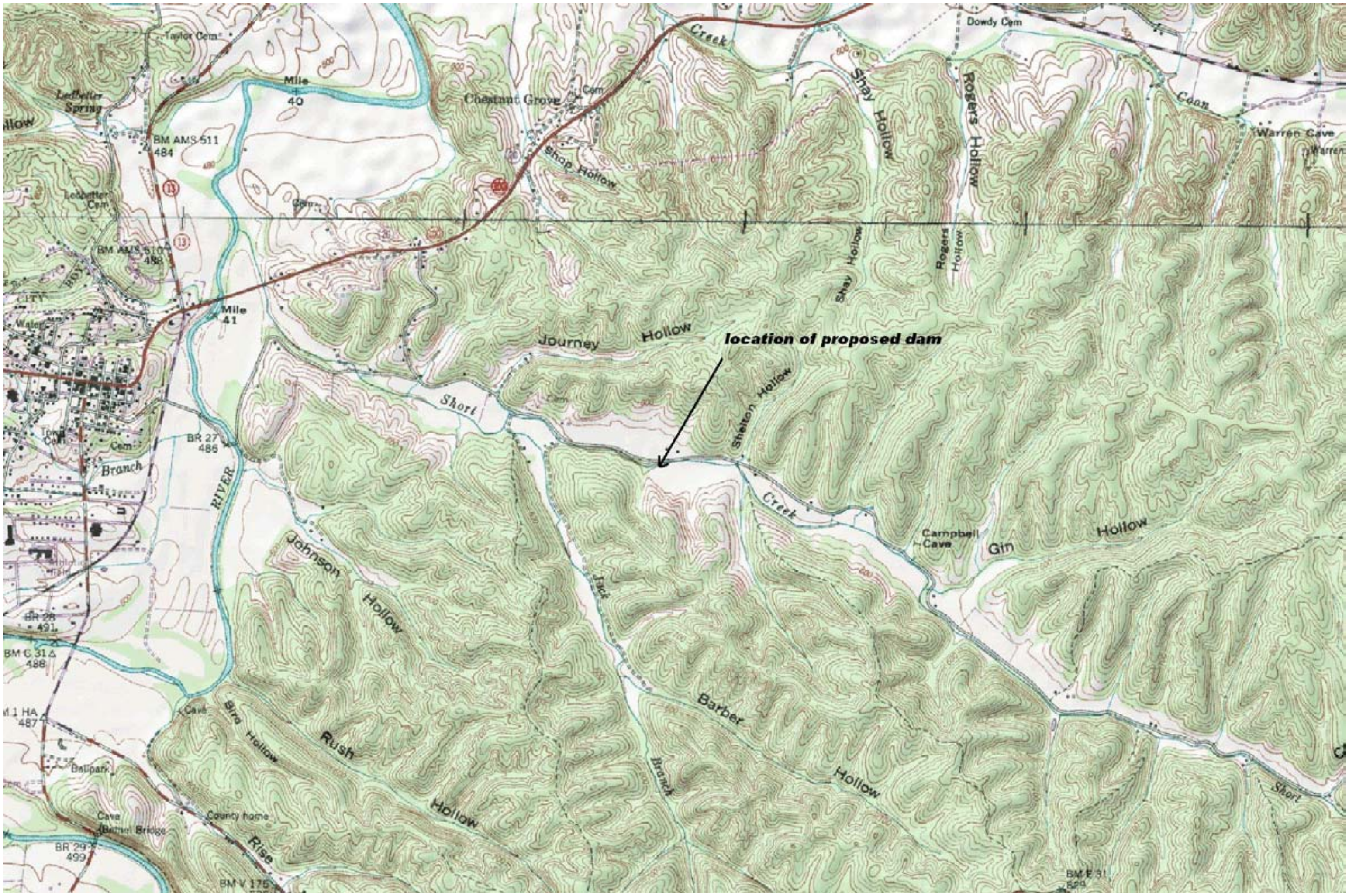
Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

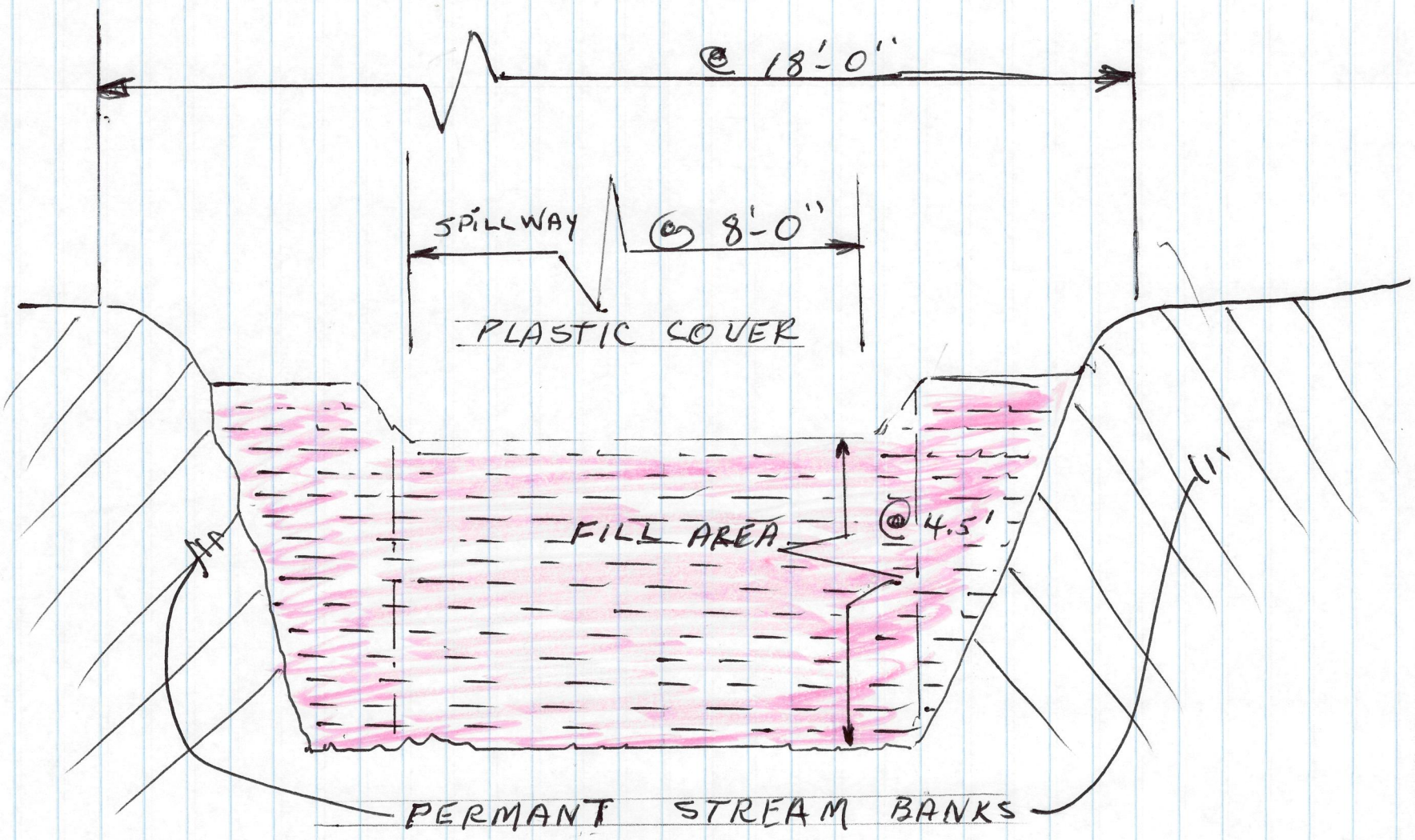
The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex

401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.


location of proposed dam
Short Creek
Journey Hollow
Shelton Hollow
Shay Hollow
Rogers Hollow
Shop Hollow
Chestnut Grove
Dowdy Cem
Coon
Warren Cave
Campbell Cave
Gin Hollow
Johnson Hollow
Barber Hollow
Branch
Rush Hollow
Bird Hollow
Rise
RIVER
Mile 40
Mile 41
Taylor Cem
Ledbetter Spring
BM AMS 511
484
BR 27
486
Branch
County home
Cave
BR 29
499
BM V 175
Ballpark



. CROSS SECTION OF STRUCTURE

Streamflow Statistics Report

Date: Thu Jul 3 2008 15:19:46
Site Location: Billy Tucker Dam, Short Creek, Perry County Tennessee
Total Drainage Area: 5.056 mi2
Latitude (NAD83): 35.6132 (35 36 47)
Longitude (NAD83): -87.8051 (-87 48 18)

Peak Flow Basin Characteristics			
100% MultiVariable Area 2 (5.06 mi2)			
Parameter	**Value**	**Min**	**Max**
Contributing Drainage Area (square miles)	5.06	0.47	2557
Stream Slope 10 and 85 Method (feet per mi)	57.9	1.9	343

Low Flow Basin Characteristics			
100% Low-Flow Central and East (5.06 mi2)			
Parameter	**Value**	**Min**	**Max**
Drainage Area (square miles)	5.06	2.68	2557
Recession Index (days per log cycle)	103	32	175

Streamflow Statistics

Statistic	Flow (ft^3/s)	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
Peak-Flow Statistics					
PK2	700	31	3.4	427	1150
PK5	1140	29	5.3	717	1810
PK10	1470	29	6.6	909	2370
PK25	1910	32	7.9	1140	3200
PK50	2250	34	8.5	1300	3920
PK100	2600	37	8.8	1440	4690
PK500	3460	43	9	1740	6890

Streamflow Statistics

Statistic	Flow (ft^3/s)	Estimation Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
				Minimum	Maximum
Low-Flow Statistics					
M3D2Y	1.12	35			
M3D10Y	0.72	32			
M3D20Y	0.63	33			
M7D10Y	0.76	31			

PHOTO LOOKING EAST